

## Summary

**Title:** POLYOLEFIN-BASED ADHESIVE COMPOSITION FOR CLOTH  
**Doc Id:** JP 11-035910 A2  
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**US class:**  
**International class:** C09J 123/04 A; D06M 17/00 B  
**Issue date:** 02/09/1999  
**Filing date:** 07/25/1997

## Abstract:

**PROBLEM TO BE SOLVED:** To provide an adhesive composition which has an adhesion maintained at a desirable level and also shows only a slight shrinkage even after it has been subjected to repeated washings and hot pressings, by admixing some polyolefins having respective specific average molecular weights.

**SOLUTION:** This composition comprises 40 to 90 wt.% of a polyolefin resin having an average molecular weight of 40,000 to 200,000 and 10 to 60 wt.% of a polyolefin resin having an average molecular weight of 200,000 to 10,000,000. As a polyolefin resin, a polyethylene resin (having a density of 0.90 g/cm<sup>3</sup> or more) is preferred, since it has a high adhesiveness at an adhesion temperature of 160 to 170°C. The respective powder particles of the above polyolefin resins are mixed by means of a tumbler, a Henschel mixer or the like or kneaded by means of an extruder, and then they are combined together and pulverized by mechanical pulverization or the like to thereby form a mixture. It is preferred that the resulting mixture has a particle shape near a sphere and an average particle size of 10 to 350 µm. A powder having a bulk density of 0.25 g/cm<sup>3</sup> or more is preferably used.

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